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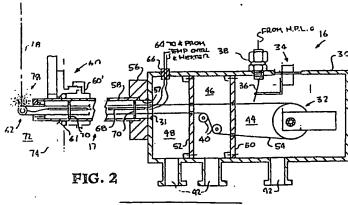
Inventor: Andresem, Brian D.
 7694 Hillsdale Court
 Pleasanton California 94566(US)
 Inventor: Fought, Eric R.
 5348 Treeflower Street
 Livermore California 94550(US)

Representative: Vossius & Partner Siebertstrasse 4 P.O. Box 86 07 67 D-8000 München 86(DE)

(S) Improved interface for liquid chromatograph-mass spectrometer.

A moving belt interface for real-time, high-performance liquid chromatograph (HPLC)/mass spectrometer (MS) analysis which strips away the HPLC solvent as it emerges from the end of the HPLC column and leaves a residue suitable for mass-spectral analysis. The interface includes a portable, stand-alone apparatus having a plural stage vacuum station, a continuous ribbon or belt, a drive train magnetically coupled to an external drive motor, a calibrated HPLC delivery system, a heated probe tip and means located adjacent the probe tip for direct ionization of the residue on the belt. The interface is also capable of being readily adapted to fit any mass spectrometer.

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## **EUROPEAN SEARCH REPORT**

EP 87 11 2952

	* *			EP 6/ 11 293	
]	DOCUMENTS CONSID	ERED TO BE RELEVAN	T		
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Y,D	US-A-4 055 987 (W.   * figure 2 *	H. MCFADDEN)	1-3,10- 12,17- 20	H 01 J 49/04 G 01 N 30/72	
Y	ANALYTICAL CHEMISTRY vol. 57, no. 6, May 985-991, Washington, et al.: "On-Line Liq Chromatography/Fast Mass Spectrometry" *	1985, pages USA; J. G. STROH uid Atom Bombardment	1-3,10- 12,17- 20		
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		<b>-/-</b>			
	The present search report has be	en drawn up for all claims	-		
<del></del>	Place of search	Date of completion of the search	<del> </del>	Examiner	
BERLIN		25-07-1989	BRI	BRISON O.P.	
Y : pai do: A : tec O : no	CATEGORY OF CITED DOCUMEN rticularly relevant if taken alone rticularly relevant if combined with anot cument of the same category thnological background a-written disclosure ermediate document	E : earlier patent d after the filing ber D : document cited L : document cited	T: theory or principle underlying the invention  E: earlier patent document, but published on, or after the filing date  D: document cited in the application  L: document cited for other reasons  &: member of the same patent family, corresponding document		

EPO FORM (503 00.82 (P0401)

## EUROPEAN SEARCH REPORT

Application Number

EP 87 11 2952

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